	Application No.	Applicant(s)
Notice of Allowability	09/628,851	CONNOR ET AL.
	Examiner	Art Unit	
	Prabodh M. Dharia	2629	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to _12-21-2005_.

2. ☒ The allowed claim(s) is/are _1-62_.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _08-22-06_

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

1.   **Status:** please all the replies and correspondence should be addressed to examiner's new

art unit 2629. Receipt is acknowledged of papers submitted 12-21-2005 under supplemental

brief which, have been placed of record in the file. Claims 1-62 are pending in this office action.

Information Disclosure Statement

2.   The information disclosure statement (IDS) submitted on 08-22-2006 was filed after the

mailing date of the non-final rejection on 09-21-2005. The submission is in compliance with the

provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being

considered by the examiner.

3.   In view of the appeal brief filed on 12-21-2005 prosecution is hereby reopened.

Response to Amendment

4.   The arguments submitted under supplemental brief on 12-21-2005 are persuasive for

claims 1, overcomes prior art rejection. After discussing with PTO staff it was determined the

prior art of Barnard (6,456,938) does not qualify as prior art, as Barnard provisional filing date

can not be applied as priority date since provisional application does not recite or disclose

applicant's claimed invention and also telephone interview with applicant's representative,

applicant has agreed to do examiner amendments to claims 2, 13, 15, 18, 20, 31, 33, 36, 38, 49,

51, and 54 to add allowable limitations of claim 1. This examiner amendment to claims 2, 13, 15,

18, 20, 31, 33, 36, 38, 49, 51, and 54 and after further search and consideration with applicant's

persuasive argument does overcome prior art rejection; which puts the application number

09628851 in condition for allowance. The non-final 1 rejection mailed on 09-21-2005 is

withdrawn.

EXAMINER'S AMENDMENT

5.   An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

Authorization for this examiner's amendment was given in a personal telephone

interview with applicant's representative Jason S. Feldmar on August 29, 2006.

The application has been amended as follows:

In the Claims

Claim 2 amended as following.

Claim 2, (amended) A system for processing mark up data for a map comprising:

(a) a personal digital assistant, wherein the map comprises an encoded and spatially indexed

vector representation of geographic data; and

(b) an application on the personal digital assistant, the application configured to:

(i) obtain a file comprised of markup data for a map; and

(ii) upload the file to a server.

Claim 13, amended as following.

Claim 13, (amended) A system for processing mark up data for a map comprising a server configured to:

(a)   obtain, from a personal digital assistant a file comprised of markup data for a map, wherein the map comprises an encoded and spatially indexed vector representation of geographic data;

(b)   convert the markup data to coordinate data; and

(c)   use the coordinate data to obtain a standard data format (SDF) file that can be used to superimpose the markup data on the map.

Claim 15, amended as following.

Claim 15, (amended) A graphical user interface for obtaining redline markup data for a map on a personal digital assistant, the graphical user interface comprising:

(a)   determining when a new redline object has been selected; and

(b)   obtaining a redline object while a stylus remains in contact with a screen of the personal digital assistant, wherein the map comprises an encoded and spatially indexed vector representation of geographic data.

Claim 18, amended as following.

Claim 18, (amended) A graphical user interface for obtaining note markup data for a map on a personal digital assistant, the graphical user interface comprising:

(a)   determining when a new note object has been selected;

(b)   accepting a user selection of an anchor point in a display of a map on a personal

digital assistant, wherein the map comprises an encoded and spatially indexed vector

representation of geographic data,

(c)   displaying a text entry screen on the personal digital assistant;

(d)   accepting text user input in the text entry screen; and

(e)   displaying an icon representative of a note at the anchor point.

Claim 20, amended as following.

Claim 20, (amended) A method for processing mark up data for a map comprising: a

server configured to: obtain, from a personal digital assistant, a file comprised of markup data

for a map, wherein the map comprises an encoded and spatially indexed vector representation of

geographic data; and uploading the file from the personal digital assistant to a server.

Claim 31, amended as following.

Claim 31, (amended) A method processing mark up data for a map comprising:

(a)   obtaining, from a personal digital assistant, a file comprised of markup data for a

map, wherein the map comprises an encoded and spatially indexed vector representation of

geographic data;

(b)   converting the markup data to coordinate data; and

(c)   using the coordinate data to obtain a standard data format (SDF) file that can be

used to superimpose the markup data on the map.

Claim 33, amended as following.

Claim 33 (amended) A method for obtaining redline markup data for a map on a personal digital assistant, the method comprising:

(a)   determining when a new redline object has been selected; and

(b)   obtaining a redline object while a stylus remains in contact with a screen of the personal digital assistant, wherein the map comprises an encoded and spatially indexed vector representation of geographic data.

Claim 36, amended as following.

Claim 36, (amended) A method for obtaining note markup data for a map on a personal digital assistant, wherein the map comprises an encoded and spatially indexed vector representation of geographic data; the method comprising:

(a)   determining when a new note object has been selected;

(b)   accepting a user selection of an anchor point in a display of a map on a personal digital assistant;

(c)   displaying a text entry screen on the personal digital assistant;

(d)   accepting text user input in the text entry screen; and

(e)   displaying an icon representative of a note at the anchor point.

Claim 38, amended as following.

Claim 38 (amended) An article of manufacture comprising a program storage medium readable by a computer hardware device and embodying one or more instructions executable by the computer hardware device to perform a method for processing markup data for a map, the method comprising:

obtaining a file comprised of markup data for a map on a personal digital assistant; and

uploading the file from the personal digital assistant to a server, wherein the map comprises an encoded and spatially indexed vector representation of geographic data.

Claim 49, amended as following.

Claim 49, (amended) An article of manufacture comprising a program storage medium readable by a computer hardware device and embodying one or more instructions executable by the computer hardware device to perform a method for processing markup data for a map, the method comprising:

(a)   obtaining a file, from a personal digital assistant, comprised of markup data for a map;

(b)   converting the markup data to coordinate data; and

(c)   using the coordinate data to obtain a standard data format (SDF) file that can be used to superimpose the markup data on the map, wherein the map comprises an encoded and spatially indexed vector representation of geographic data.

Claim 51, amended as following.

Claim 51, (amended) An article of manufacture comprising a program storage medium readable by a computer hardware device and embodying one or more instructions executable by the computer hardware device to perform a method for obtaining redline markup data for a map on a personal digital assistant, the method comprising:

(a)   determining when a new redline object has been selected; and

(b)   obtaining a redline object while a stylus remains in contact with a screen of the personal digital assistant, wherein the map comprises an encoded and spatially indexed vector representation of geographic data.

Claim 54, amended as following.

Claim 54, (amended) An article of manufacture comprising a program storage medium readable by a computer hardware device and embodying one or more instructions executable by the computer hardware device to perform a method for obtaining note markup data for a map on a personal digital assistant, wherein the map comprises an encoded and spatially indexed vector representation of geographic data, the method comprising:

(a)   determining when a new note object has been selected;

(b)   accepting a user selection of an anchor point in a display of a map on a personal digital assistant;

(c)   displaying a text entry screen on the personal digital assistant;

(d)   accepting text user input in the text entry screen; and

(e)   displaying an icon representative of a note at the anchor point.

6.   Claims 1-62 are allowed.

7.   The following is an examiner's statement of reasons for allowance: Applicant argument

in supplemental brief filed on 12-21-2006 are convincing. As argued by applicant on page 6, the

last two paragraphs on pages 7-10, disqualification of prior art of Barnard and applicant's

convincing traversing arguments on pages 11-32, the cited prior arts of Barnard (6,456,938) in

view of DeLorme et al. (5,848,373), Ching (6,560,620 B1) and Neal (6,192,518 B1) fails to

recite or disclose the uniquely distinct features below:

A system for processing markup data for a map on a personal digital assistant

comprising: a personal digital assistant; an application on the personal digital assistant, the

application configured to: **(i) obtain a map as an encoded and spatially indexed vector**

representation of geographic data from a server; (u)display the map on a screen of the

personal digital assistant; obtain markup data comprised of pixel data from a user that utilizes a

stylus to markup the map displayed on the personal digital assistant; **create a file comprised of**

the markup data; (v)upload the file of markup data from the personal digital assistant to

the server.

Any comments considered necessary by applicant must be submitted no later than the

payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for

Allowance."

Conclusion

8.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Prabodh M Dharia whose telephone number is 571-272-7668.

The examiner can normally be reached on M-F 8AM to 5PM.

9.   The fax phone number for the organization where this application or proceeding is

assigned is 571-273-8300.

10.   Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

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